

# Bradley M2 Infantry/M3 Cavalry Fighting Vehicle



## MISSION

Provide infantry and cavalry fighting vehicles with digital command and control capabilities, significantly increased situational awareness, enhanced lethality, survivability, and improved sustainability and supportability.

## DESCRIPTION AND SPECIFICATIONS

The Bradley M2A3 Infantry/M3A3 Cavalry Fighting Vehicle (IFV/CFV) has the following specifications:

**Length:** 30.96 ft

**Width:** 17.04 ft with armor tiles; 15.48 ft with armor skirts

**Height:** 14.04 ft

**Weight:** 67,000 lb combat loaded

**Power train:** 600 hp Cummins VTA-903T diesel engine with GM-Allison HMPT-500-3EC hydro-mechanical automatic transmission

**Cruising range:** 250 mi

**Road speed:** 38 mph

**Crew:** M2A3: 9 (3 crew; 6 dismounts); M3A3: 5 (3 crew; 2 dismounts)

**Vehicle armament:** 25mm Bushmaster cannon; TOW II missile system; 7.62mm M240C machine gun

**Vehicle features:** Two Second Generation Forward Looking Infrareds (FLIRs) in the Improved Bradley Acquisition System (IBAS) and Commanders Independent Sight (CIV) provide "Hunter-Killer target hand-off" capability with ballistic fire control system; Embedded diagnostics; Integrated combat command and control digital communications suite hosting Force XXI Battle Command Brigade-and-Below (FBCB2) package with digital maps, messages and friend/foe situational awareness; Position navigation system with GPS and inertial navigation system; Enhanced squad situational awareness with squad leader display integrated into vehicle digital images and IC3

**Current models/variants:** Bradley M2/M3 A0, A2, A2 ODS (Operation Desert Storm), A3 IFV/CFVs, Bradley Fire Support Team (BFIST) Vehicle, Bradley Linebacker, and MANPADS Under Armor

## FOREIGN COUNTERPART

China: Type 90, WZ-503; Commonwealth of Independent States: BMP 1, 2, and 3; France: AMX-10P, AMX VCI; Germany: Marder 1; United Kingdom: MCV-80 Warrior, FV-432.

## FOREIGN MILITARY SALES

Bradley M2A2s: Royal Saudi Land Forces, Kingdom of Saudi Arabia.

## PROGRAM STATUS

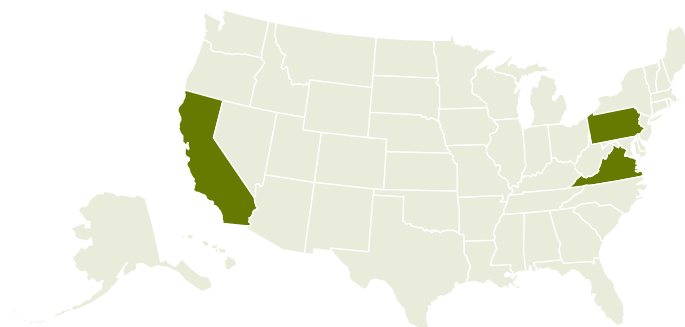
- **FY99** The Bradley Program Office completed upgrading Bradley A1s to the A2 configuration, thereby eliminating Bradley A1s from the American inventory; The Bradley A3 completed its planned digital command and control integration, live fire vulnerability testing.
- **1QFY01** Current Bradley A2 to A2 ODS modification for the Active Army continues, as well as the conversion of Bradley A0 to A2 ODS for the Army National Guard, and the A2 to A3 remanufacture effort; Bradley A3 completed initial operational test and evaluation; Bradley A3 has completed fielding to two A3 Battalions along with one Battalion of A2 ODS-D retrofitted to meet First Digital Division timelines.

## PROJECTED ACTIVITIES

- **FY01** Continue modification of Bradley A2s to A2 ODS and fielding; Continue ARNG A0 conversion to A2 ODS.
- **1QFY01** Bradley A3 first unit equipped.
- **2QFY01** Division Capstone Exercise; Bradley A3 full-rate production decision.

## PRIME CONTRACTORS

United Defense, L.P. (San Jose, CA; Fayette, PA; York, PA; Arlington, VA)



\* See appendix for list of subcontractors

